

FIG.1

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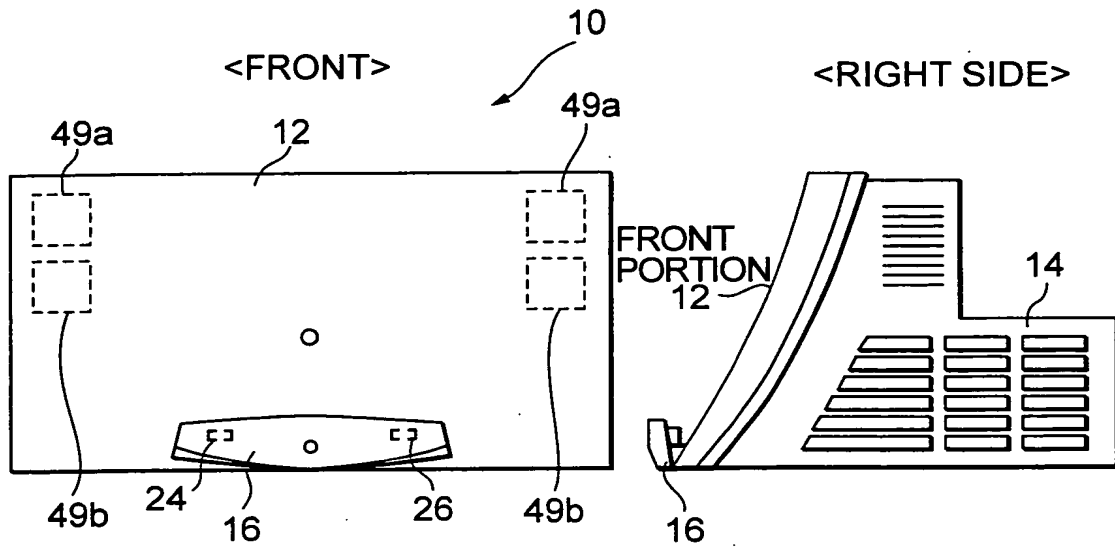


FIG. 2

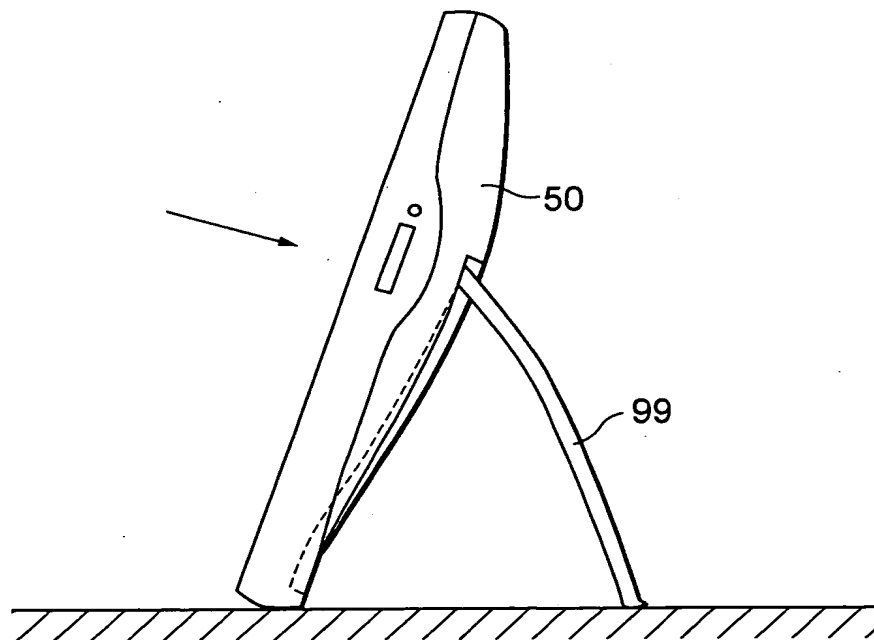


FIG. 3

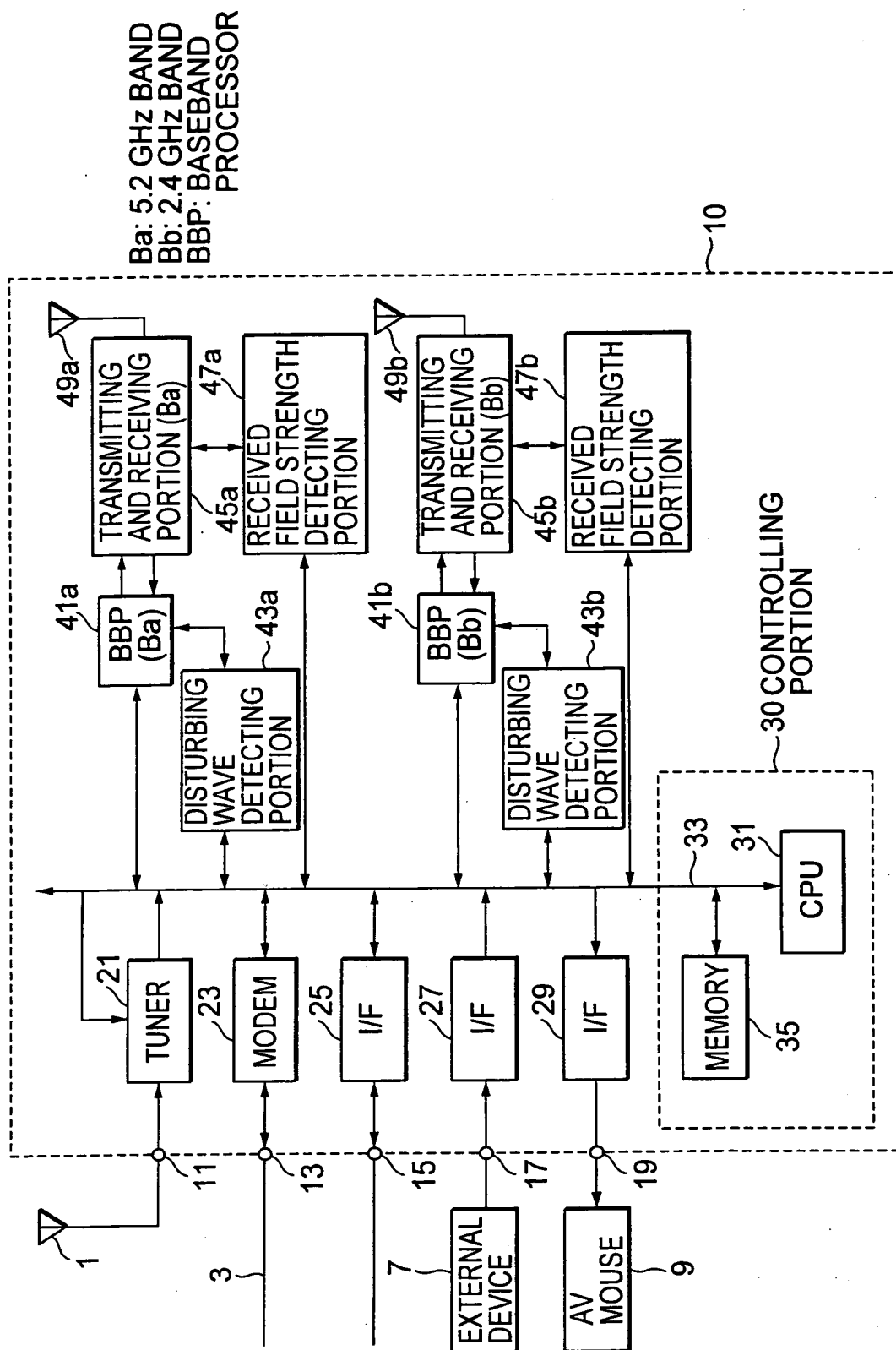


FIG. 4

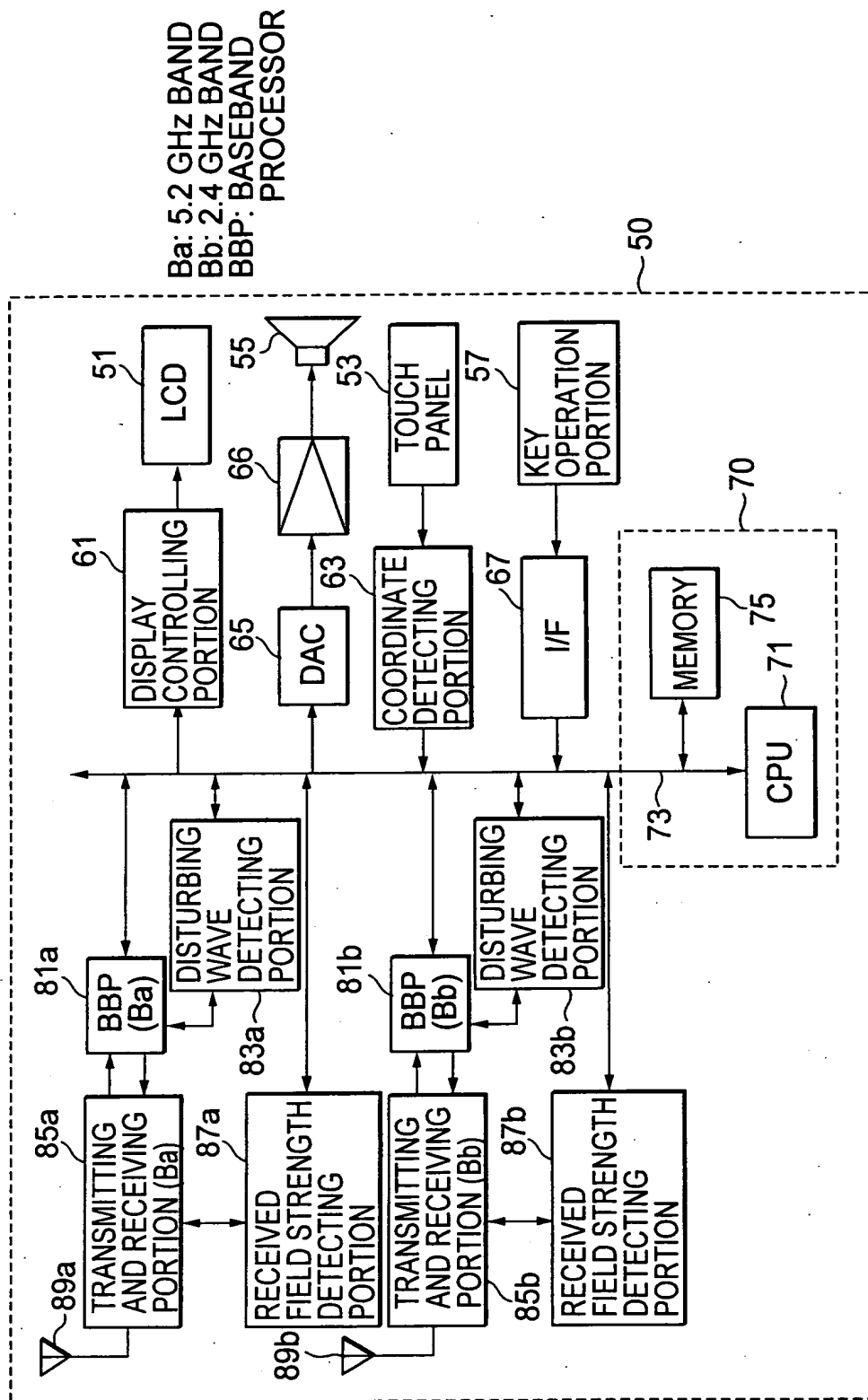


FIG.5

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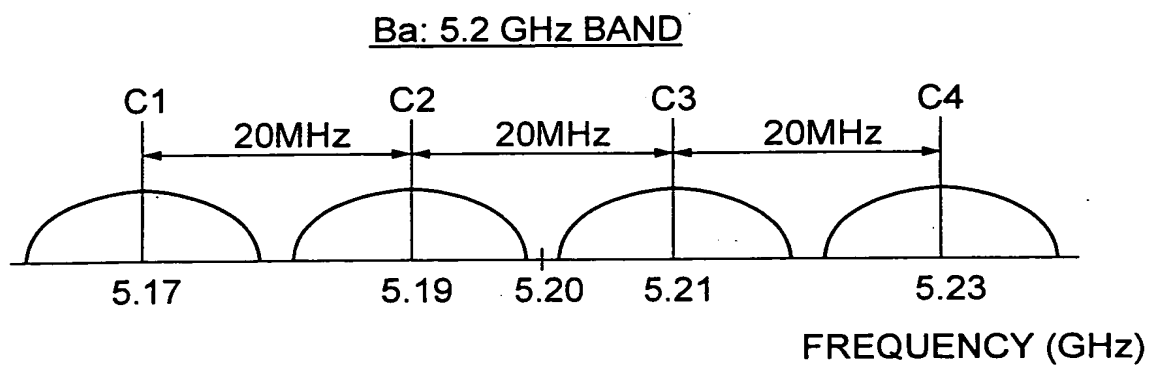


FIG.6

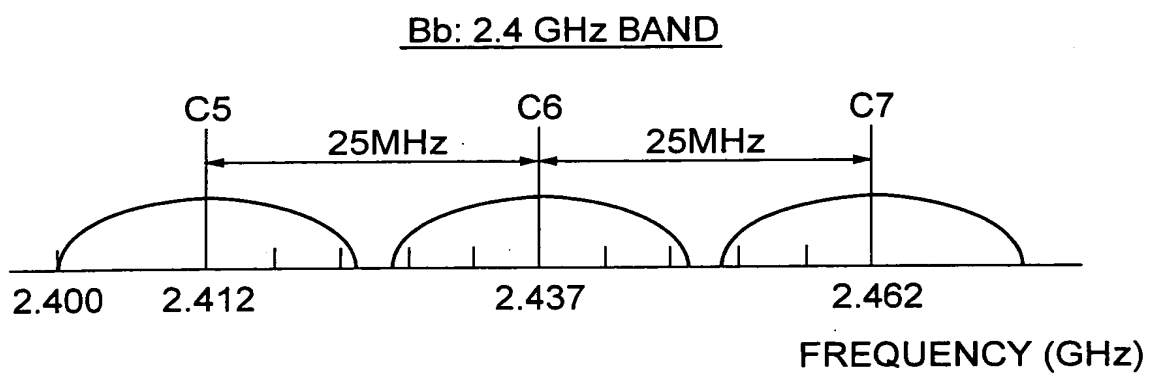


FIG.7

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TRANSMISSION RATES AND MODULATION  
SYSTEMS DEFINED IN IEEE 802.11a  
STANDARD (5.2 GHz BAND)

---

MODE	TRANSMISSION RATE (Mbps)	MODULATION SYSTEM
A1	6	BPSK
A2	9	BPSK
A3	12	QPSK
A4	18	QPSK
A5	24	16QAM
A6	36	16QAM
A7	48	64QAM
A8	54	64QAM

FIG.8

TRANSMISSION RATES AND MODULATION  
SYSTEMS DEFINED IN IEEE 802.11b  
STANDARD (2.4 GHz BAND)

---

MODE	TRANSMISSION RATE (Mbps)	MODULATION SYSTEM
B1	1	BPSK
B2	2	QPSK
B3	5.5	CCK
B4	11	CCK

FIG.9

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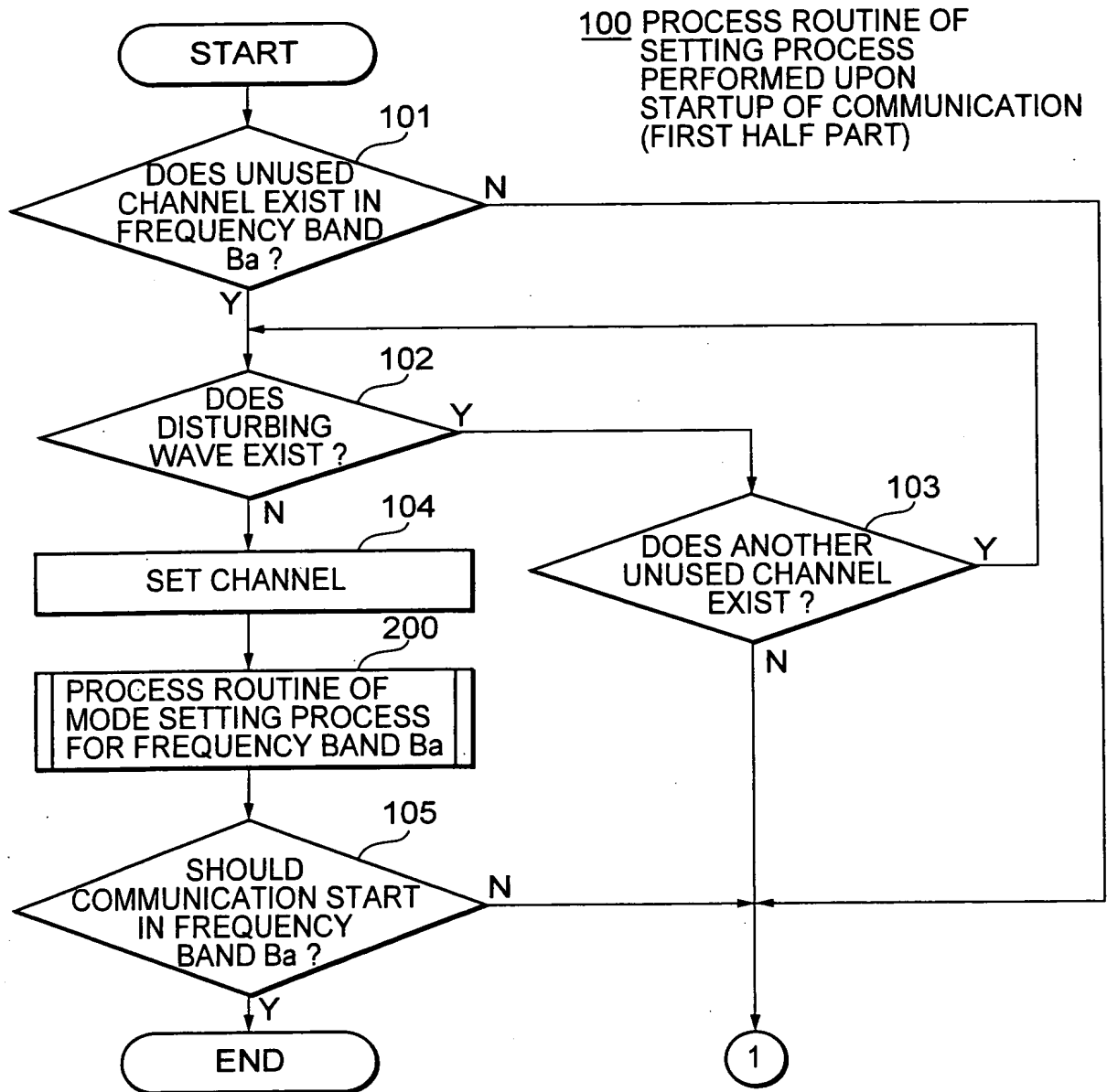


FIG.10

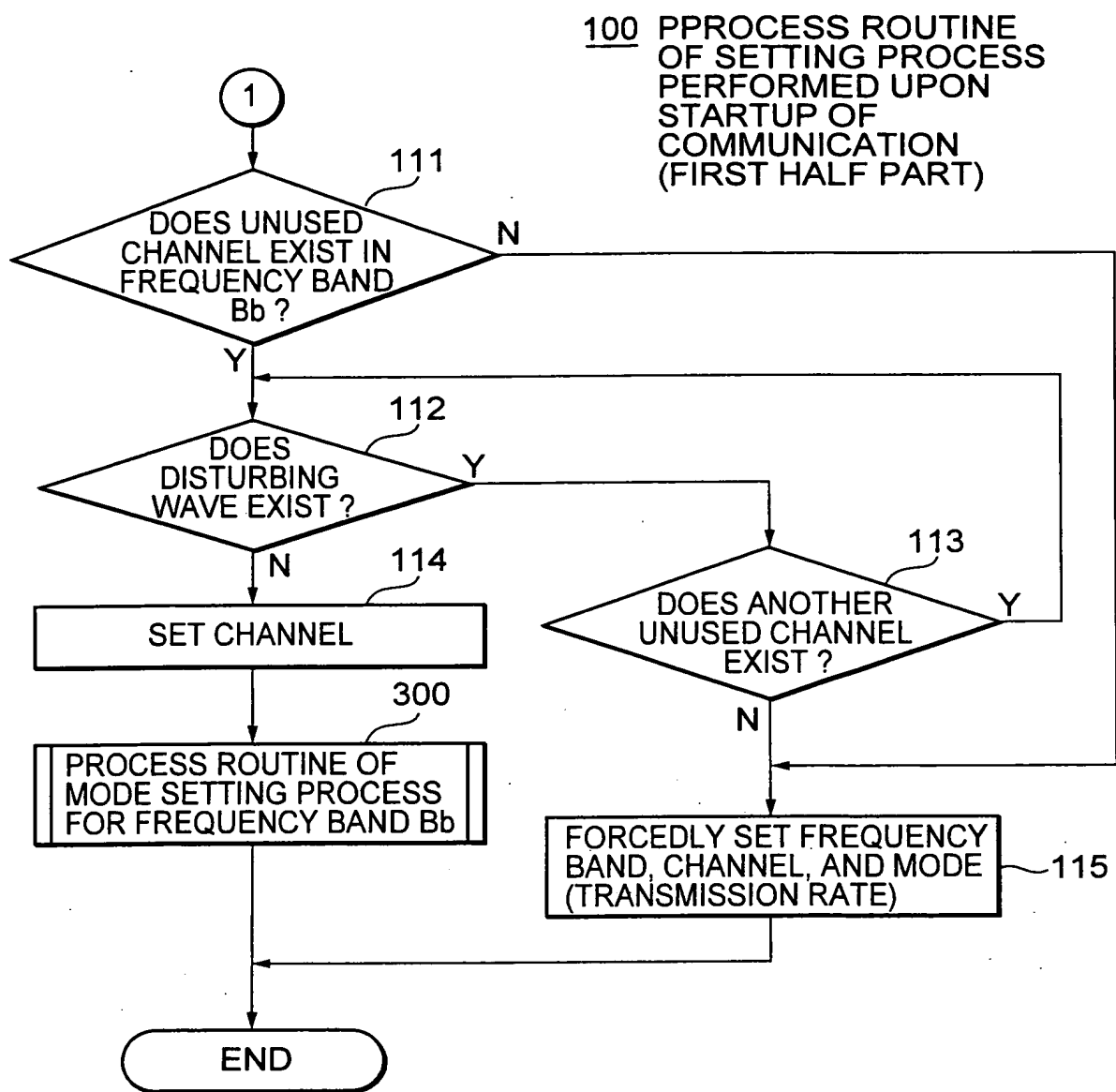


FIG.11



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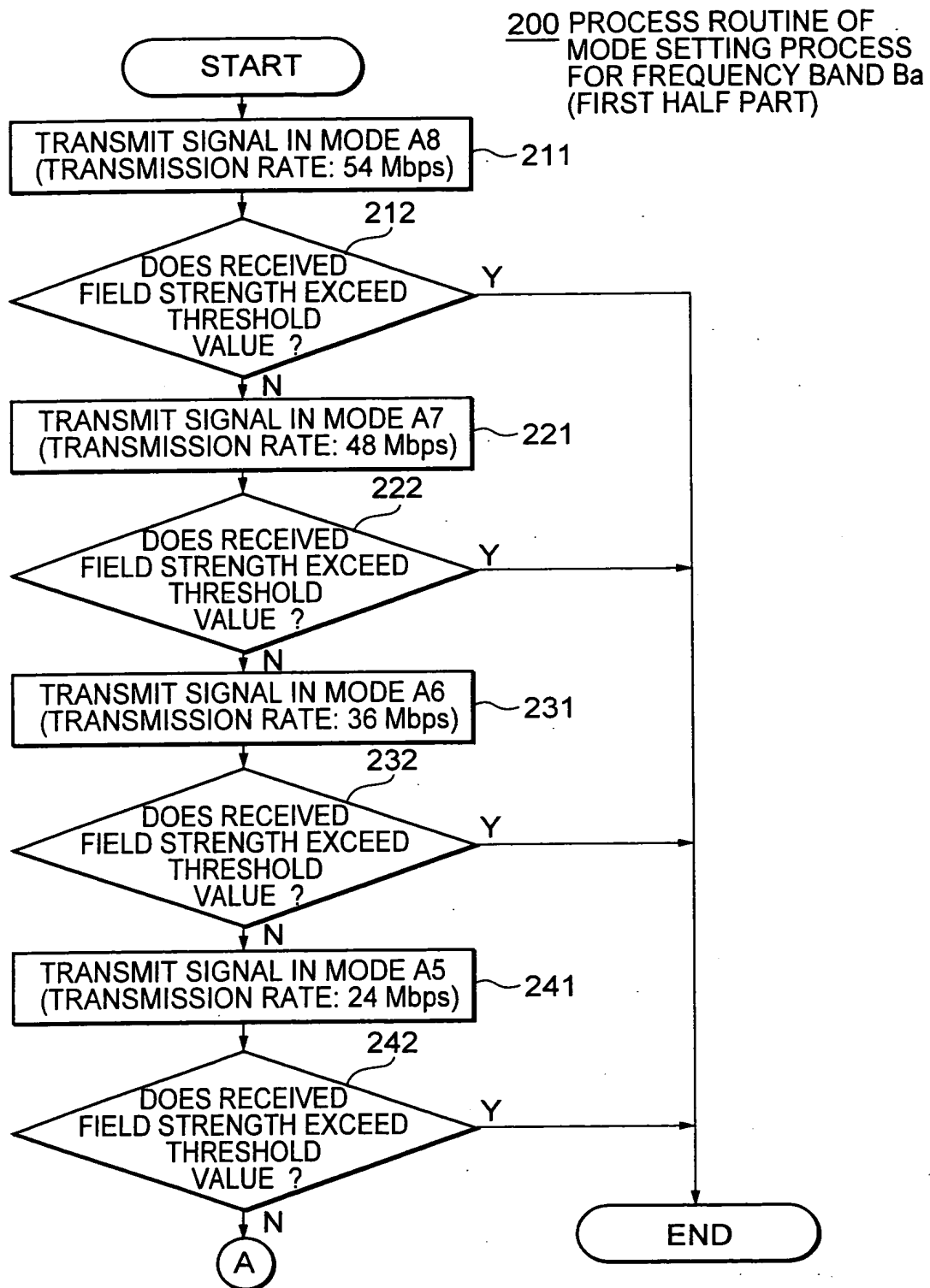
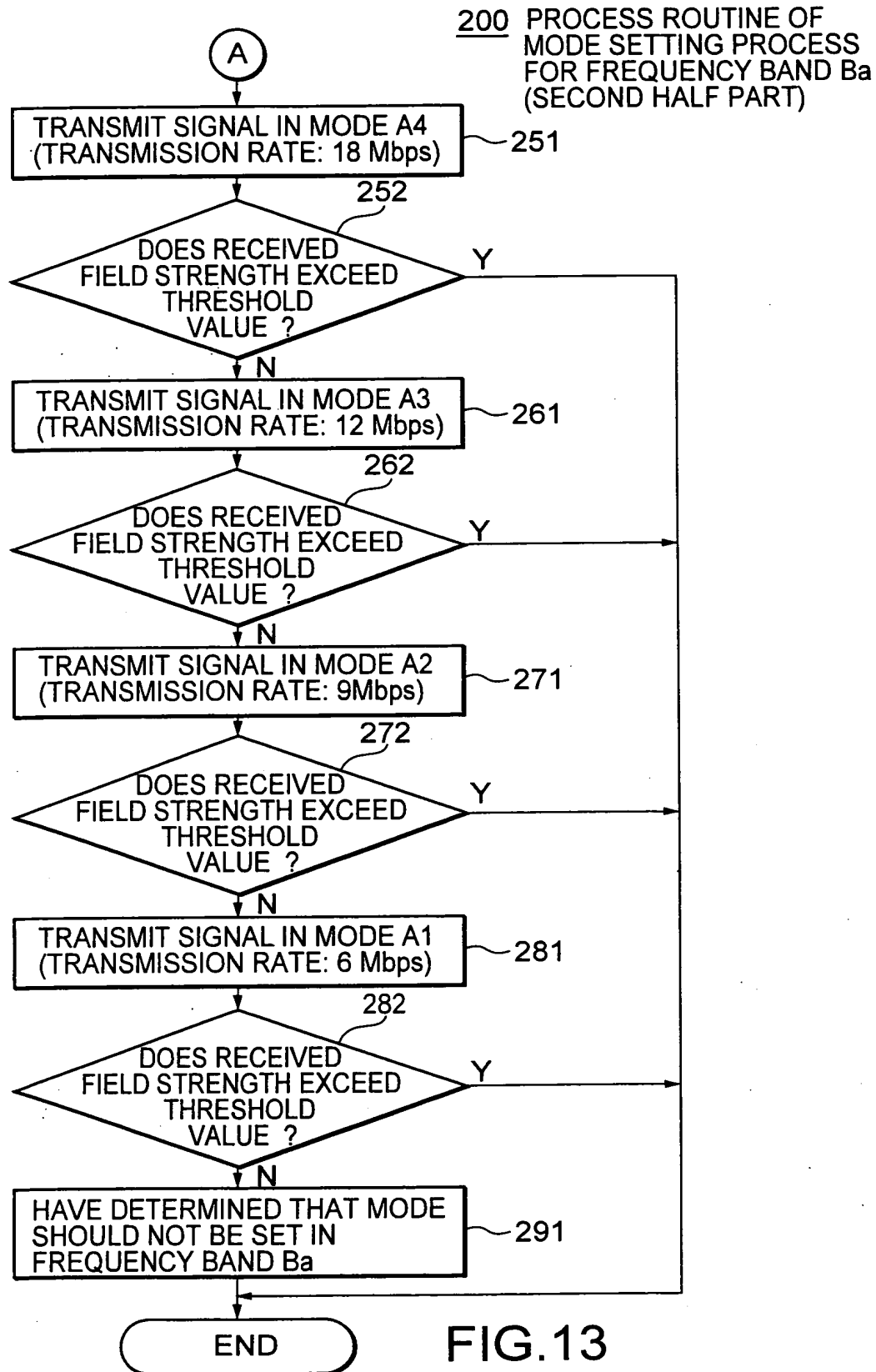


FIG.12

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300 PROCESS ROUTINE OF  
MODE SETTING PROCESS  
FOR FREQUENCY BAND Bb

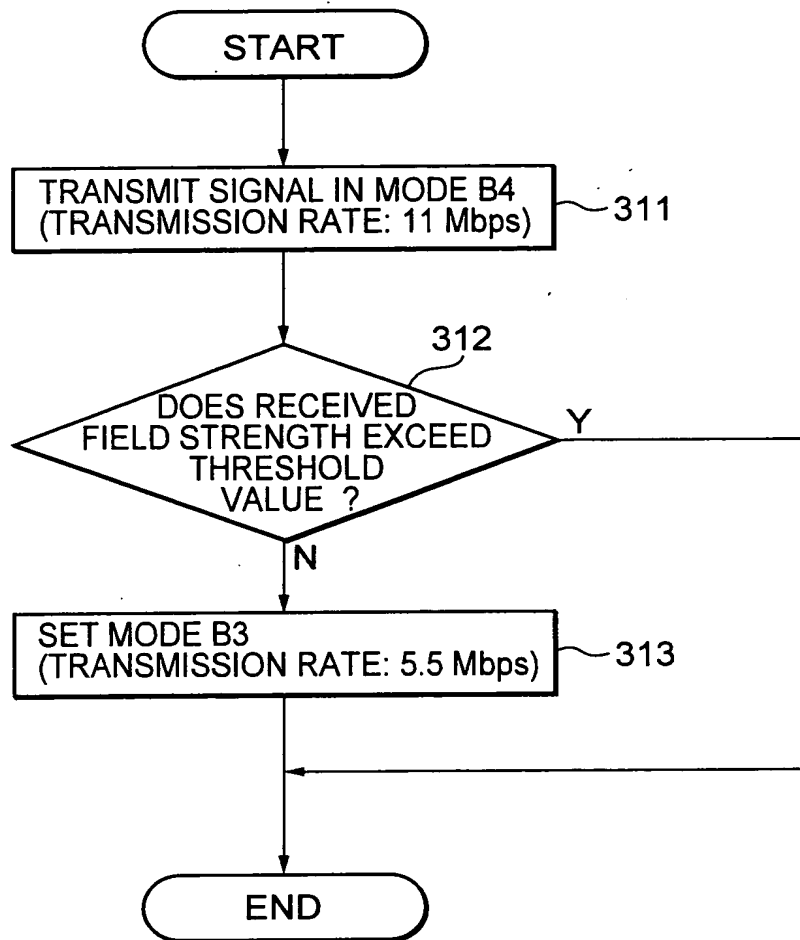


FIG.14

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120 PROCESS ROUTINE OF  
CHANGING PROCESS  
PERFORMED DURING  
COMMUNICATION IN  
FREQUENCY BAND Ba  
(FIRST HALF PART)

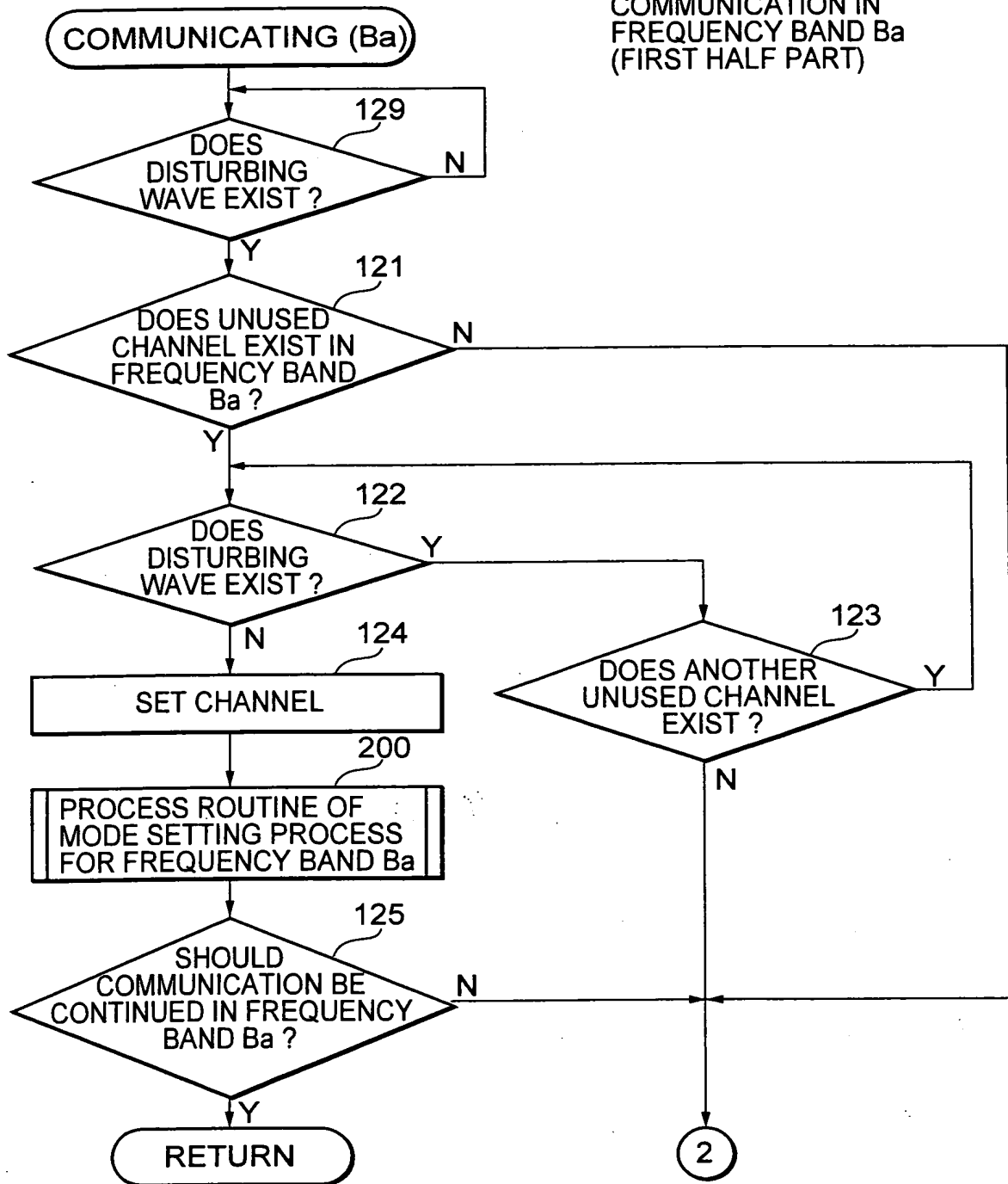


FIG.15

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120. PPROCESS ROUTINE OF  
CHANGING PROCESS  
PERFORMED DURING  
COMMUNICATION IN  
FREQUENCY BAND Ba  
(SECOND HALF PART)

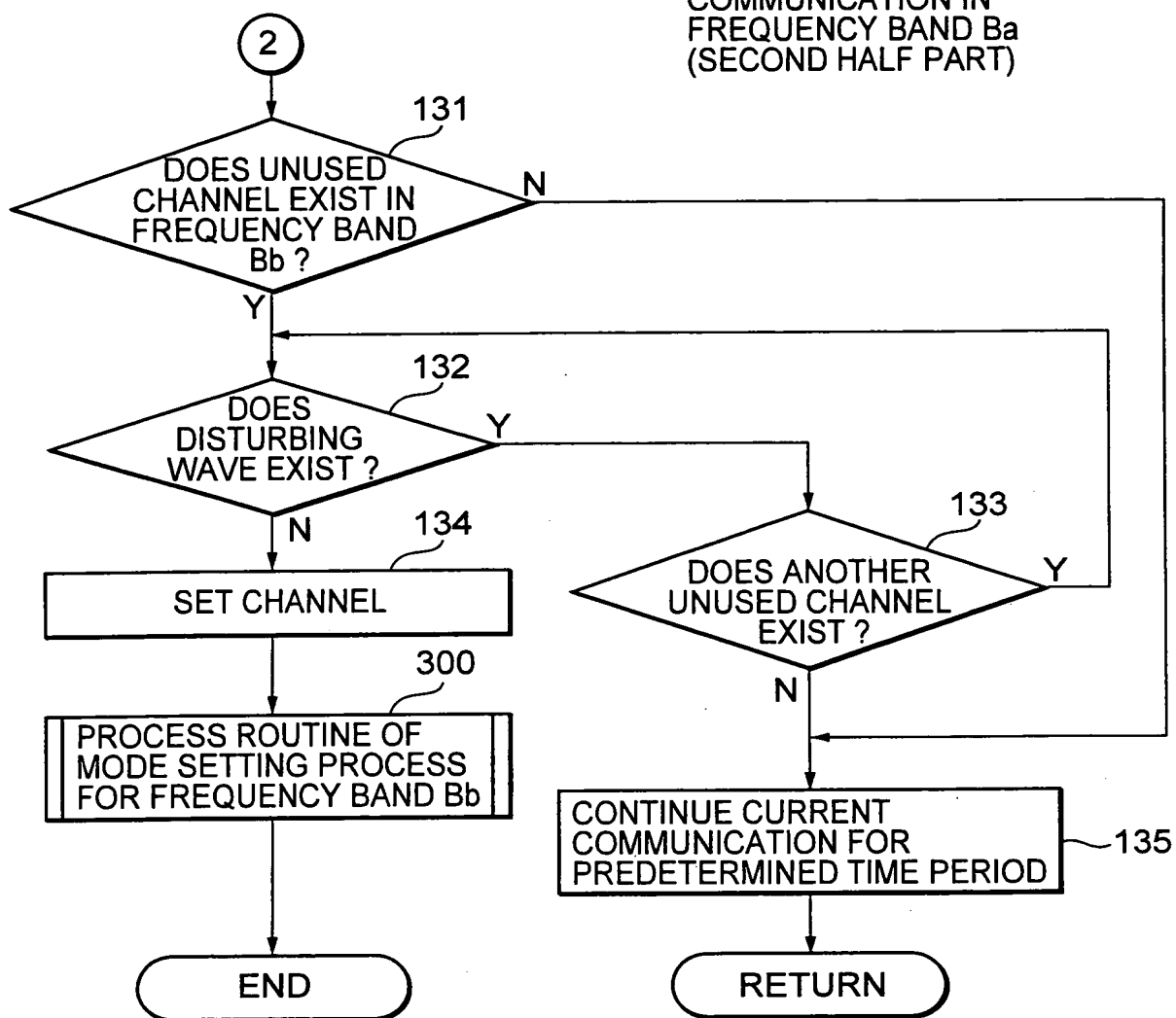


FIG.16

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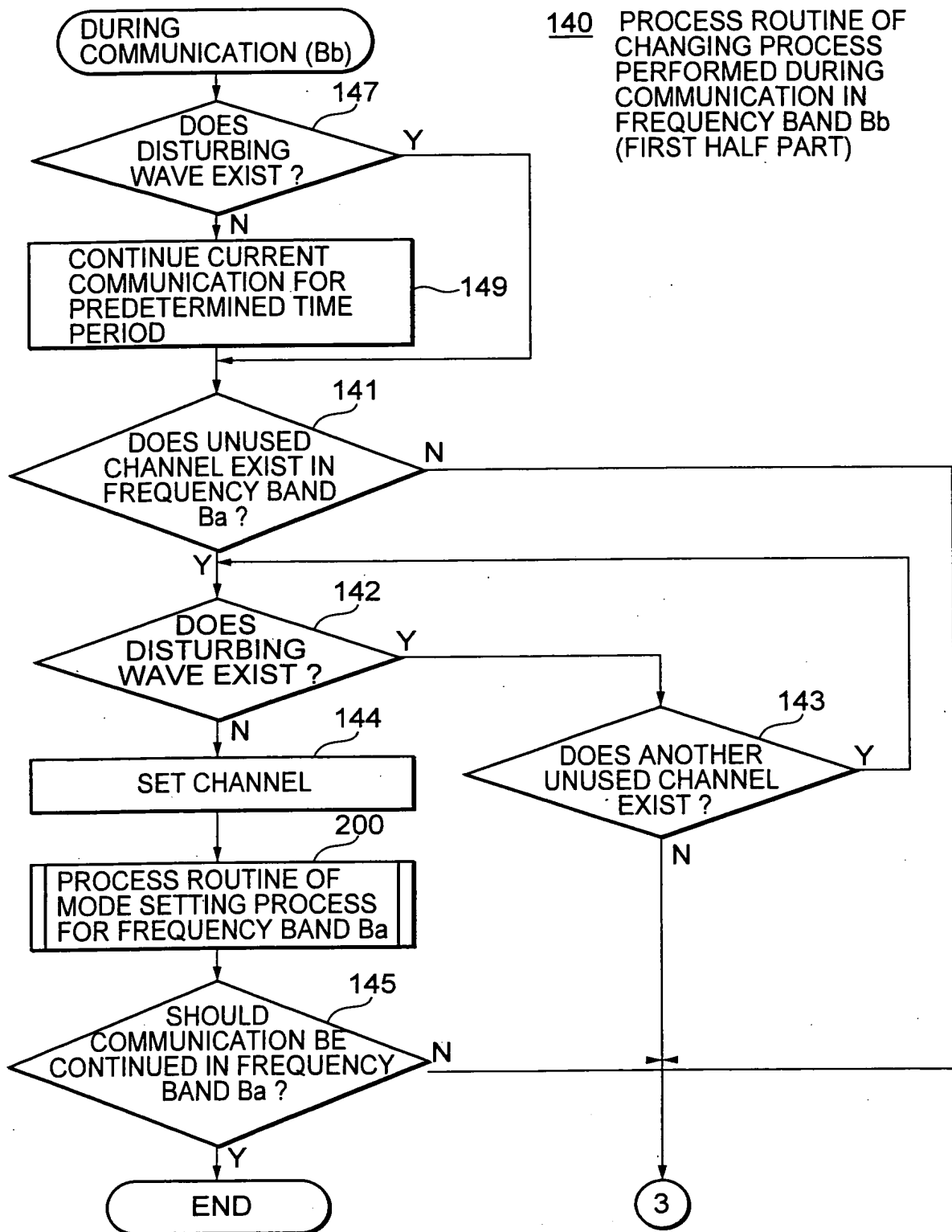


FIG.17

140 PROCESS ROUTINE OF  
CHANGING PROCESS  
PERFORMED DURING  
COMMUNICATION IN  
FREQUENCY BAND Bb  
(SECOND HALF PART)

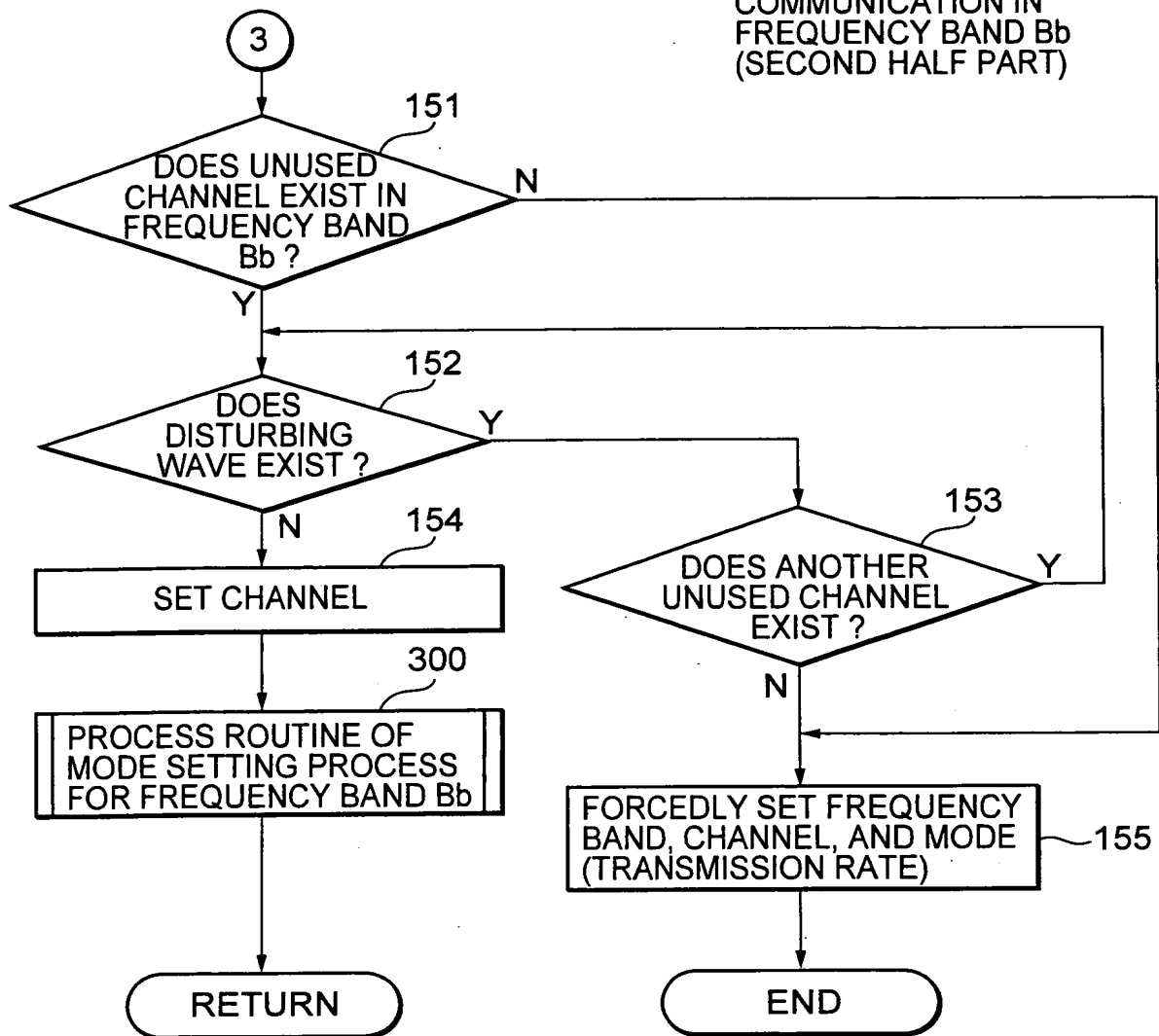


FIG.18

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160 PROCESS ROUTINE OF MODE  
CHANGING PROCESS PERFORMED  
DURING COMMUNICATION IN  
FREQUENCY BAND Ba IN THE  
CASE THAT TRANSMISSION RATE  
IS INCREASED

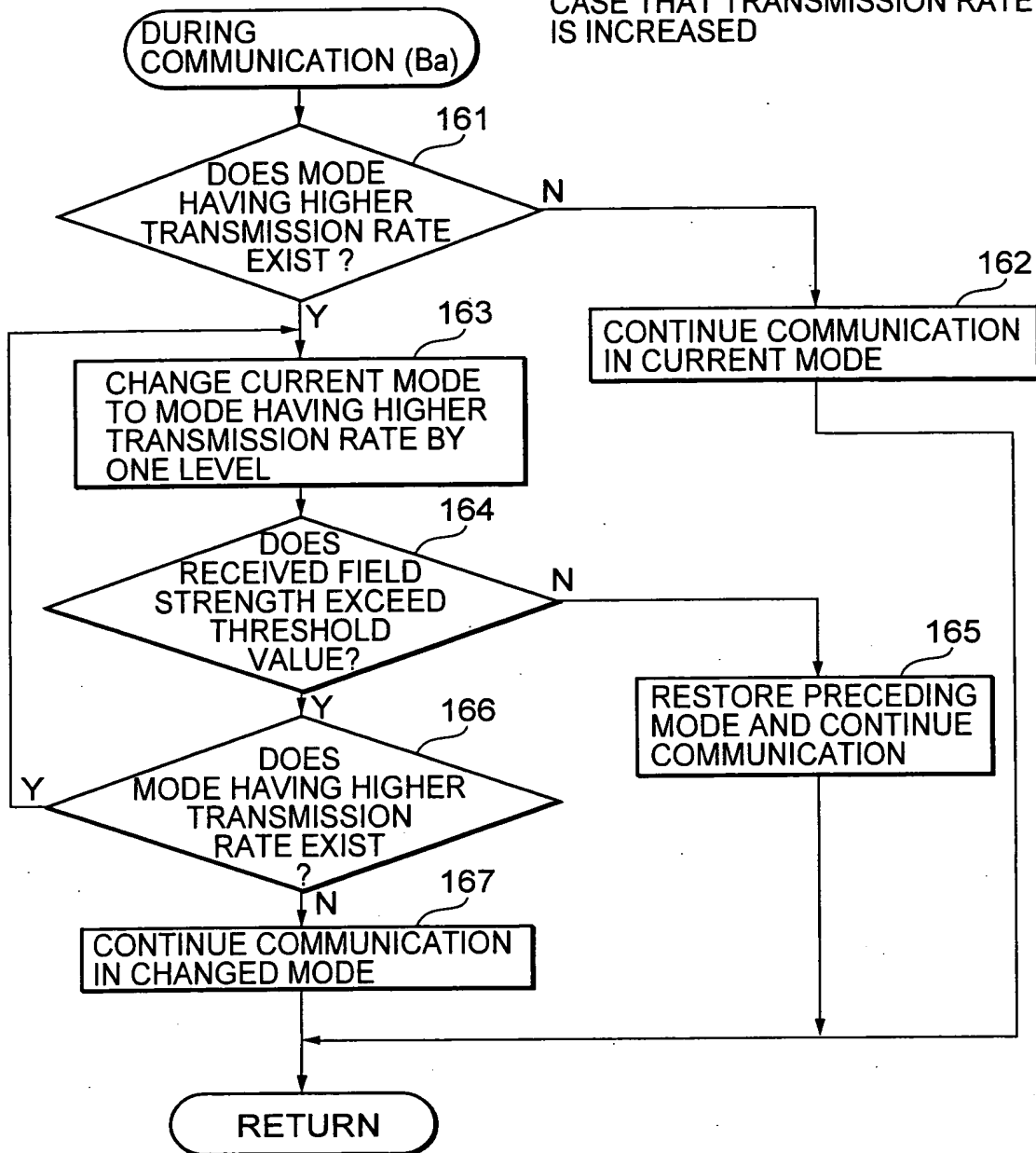


FIG.19



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180 PROCESS ROUTINE OF MODE CHANGING PROCESS PERFORMED DURING COMMUNICATION IN FREQUENCY BAND Ba IN THE CASE THAT TRANSMISSION RATE IS DECREASED (FIRST HALF PART)

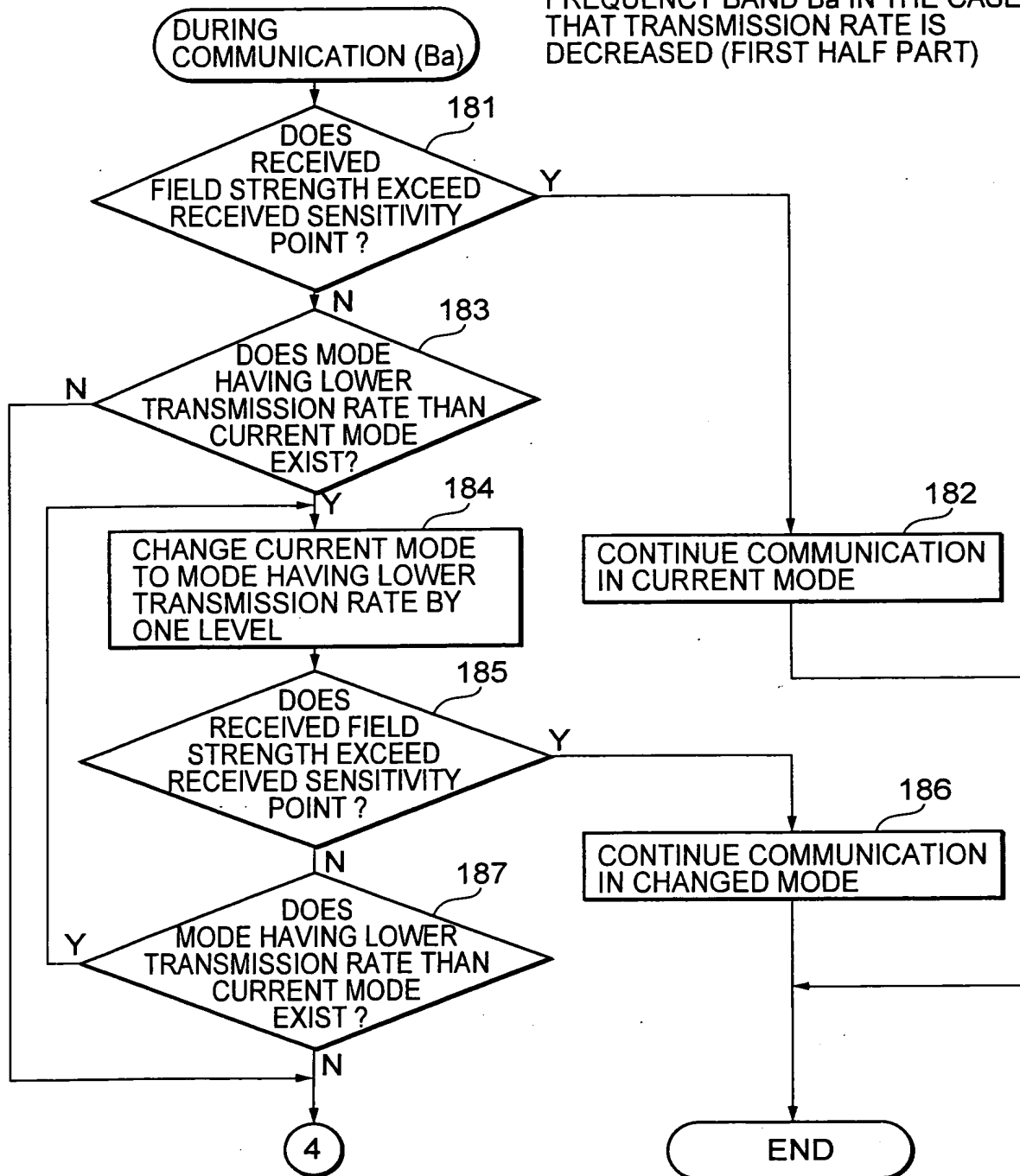


FIG.20

180 PROCESS ROUTINE OF MODE CHANGING PROCESS PERFORMED DURING COMMUNICATION IN FREQUENCY BAND Ba IN THE CASE THAT TRANSMISSION RATE IS DECREASED (SECOND HALF PART)

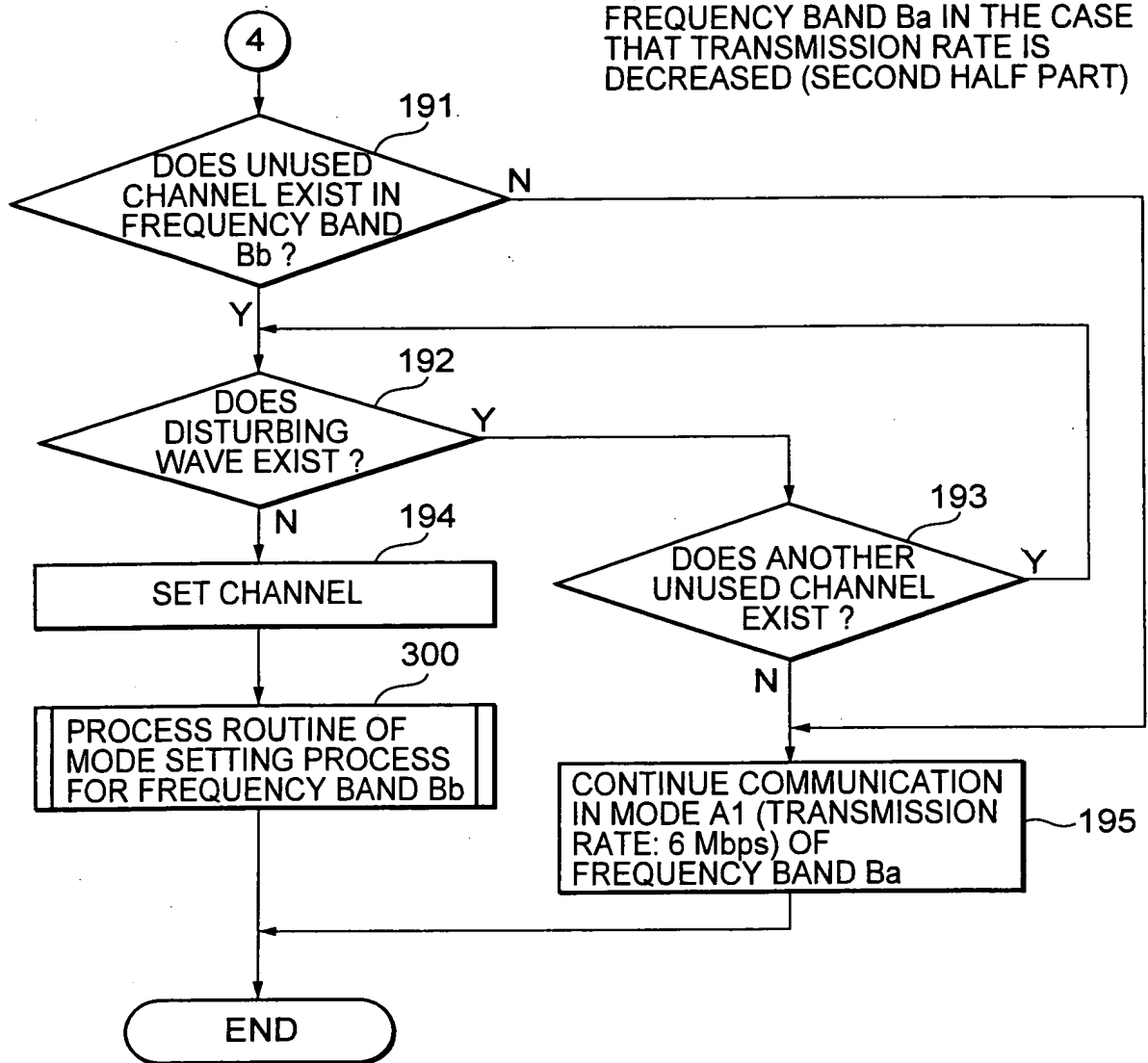


FIG.21